

PROCEEDINGS OF THE NINTH INTERNATIONAL

CONFERENCE ON ION SOURCES

**INSTRUCTIONS FOR CALCULATING MANUSCRIPT LENGTH**

See the "INSTRUCTIONS FOR MANUSCRIPT PREPARATION" for standard instructions; use the checklist to avoid the most common errors. **In particular, type everything double-spaced.**

Papers to be published in the Proceedings may not exceed the maximum length established by the Conference and by the American Institute of Physics. **This Conference's Plenary** papers are limited to **5** pages and **all other** papers to **3** printed pages in the Review of Scientific Instruments.

To help determine manuscript length, we urge you to have the paper typed in accordance with the following specifications for the average number of typed characters per line. Different parts of the paper call for different character counts per line. Please count the number of lines in each section, enter the numbers on the form below, and calculate the total. **Manuscripts may not exceed**

**584 total lines for an plenary paper, or**

**350 total lines for all other paper.**

Failure to follow these guidelines may result in delays that could jeopardize the inclusion of your paper in the Proceedings issue of the Review of Scientific Instruments.

The following procedure will help you estimate the length.

Type the manuscript DOUBLE-SPACED in the format stated on the next page, with the average number of characters per line (including spaces) as indicated for each section. (This is easy to do with a word processor.)

## INSTRUCTIONS FOR CALCULATING MANUSCRIPT LENGTH

	# lines used
1. Title, authors, addresses, and abstract. (This is an average)	<u>45</u>
2. Body of text (60 characters per line)	<u>          </u>
a. two extra blank lines for each section heading	<u>          </u>
3. Equations	
a. allow 1 line per 40 on-line characters, plus 2 lines	<u>          </u>
b. allow 2 lines for each line of an equation that includes a built-up fraction or a simple matrix, plus 2 lines	<u>          </u>
c. allow 2 lines for each row of a large matrix, plus 2 lines	<u>          </u>
4. Figures*	
a. calculate the size of each figure after reduction to 8.5 cm width and allow 2.3 lines for each centimeter of vertical space needed after reduction, rounded to the nearest line	<u>          </u>
b. allow 1 extra line above each figure, 1 below, and 1 between figure and caption (3 extra lines per figure)	<u>          </u>
c. captions (74 characters per line)	<u>          </u>
5. Tables*	
a. body of table (74 characters per line or no more than 5 columns of 8 characters each)	<u>          </u>
b. captions (74 characters per line)	<u>          </u>
c. 1 extra line below and 1 above caption, 1 extra line below column headings, 2 extra lines below table. Total: 5 extra lines per table	<u>          </u>
6. References (74 characters per line)	<u>          </u>
	<b>TOTAL LINES</b> <u>          </u>

\*Tables and figures requiring two columns are discouraged. If two-column figures or tables are necessary, double the number of lines indicated.

**PLEASE GIVE THIS FORM TO YOUR TYPIST**